

ENGINE AIR INTAKE MANIFOLD

ABSTRACT OF THE DISCLOSURE

An engine air intake manifold has two main body sections that are divided along an airflow direction and mated tightly against each other at oppositely facing mating parts so as to form an air intake passage therein. A gas passage is formed along the mating parts. The gas passage opens into a downstream portion of the air intake passage and supplies a secondary additive gas thereto. Preferably, the engine air intake manifold has air intake branch pipes with valve mounting blocks for mounting air intake control valves to a downstream portion of the air intake branch pipes.

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